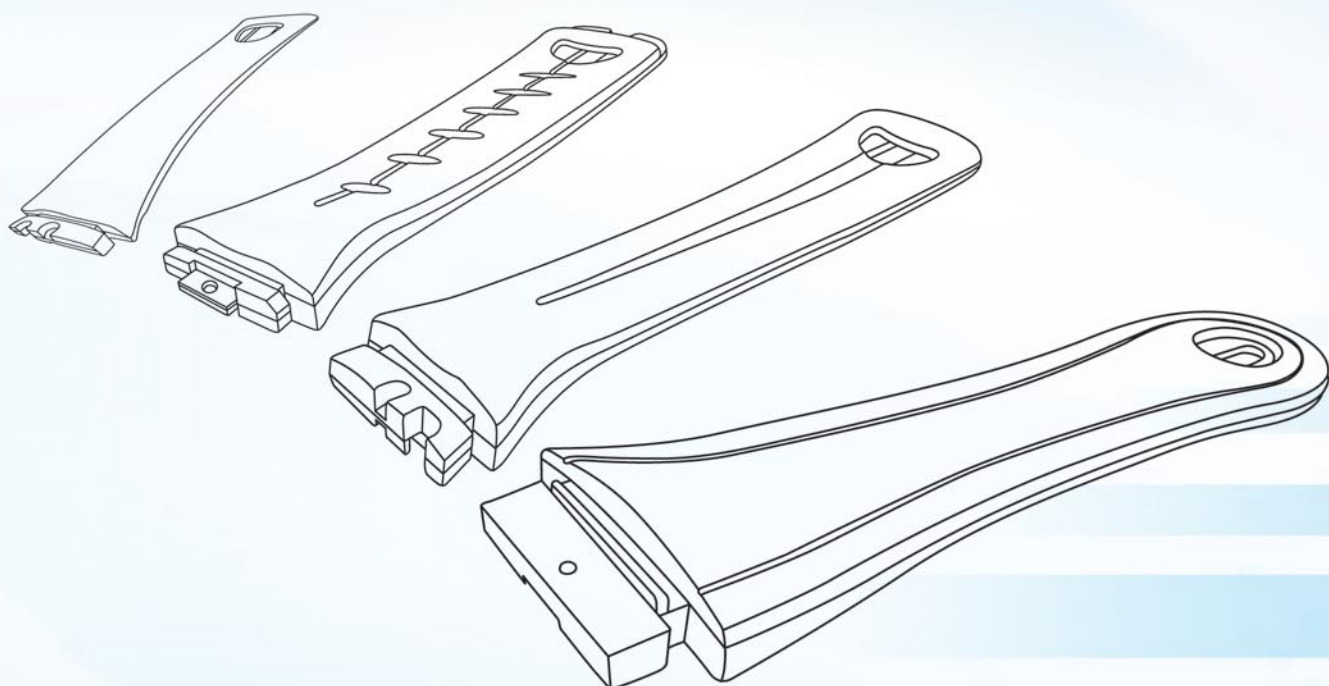




唯一電子有限公司
YOU EAL (H.K.) LTD.



CONDUCTIVE RUBBER CHEST BELT

心率錶
導電橡膠配件 (心跳帶)



Conductive Rubber Chest Belt 心率錶導電橡膠配件(心跳帶)

For Heart Rate Monitoring 連接心率測試儀

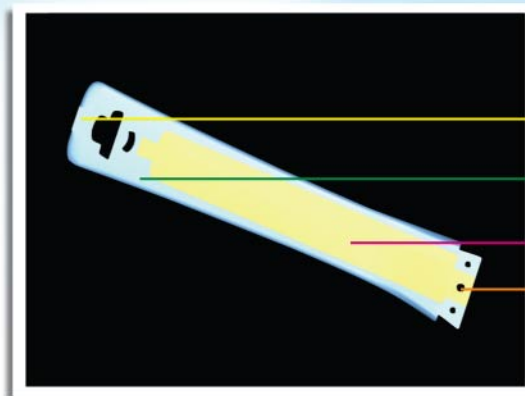
- 10 years experience in manufacturing conductive rubber chest belt
超過10年生產心跳帶經驗
- Meet EU Standard (5+ years) for the high standard requirement of conductive rubber chest belt
超過5年達環保 (RoHS) 及歐盟標準 (Nonylphenol, Phthalates, PAHs and Organotin)
- Establish a technical team to follow up the production in designated workshop for making conductive rubber chest belt
特別無污染車間
- Professional QC team for inspection
專業品質檢查



Features 特點：

- Smooth Surface 表面平滑
- Waterproof 防水
- Low Resistance < 1,000 Ohm 低電阻
- Thickness < 3 mm 纖薄

Conductive Rubber Chest Belt Structure 產品結構

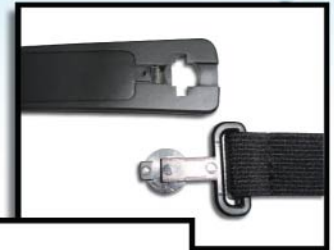


Connect to Chest Strap 彈性帶連接處

Non-conductive Area 不導電部份

Conductive Area 導電部份

Connect to Housing 接駁連接器



Specification of Conductive Rubber Chest Belt 產品規格

- Material : Rubber (Mixed with around 10 sub-materials)
物料：橡膠（特定配方）
- Hardness : 70 +/- 5 Shore A
硬度：70 +/- 5 Shore A
- Production Method : Compression Molding
生產方法：熱壓成型
- Surface Treatment : Coating
表面處理：噴塗
- Resistance from area A to B less than 2K ohm
標準電阻2K ohm以下（由A點到B點）
- Tooling : Tailor-made ~ High Impact Stainless Steel
模具材質：高抗酸性不銹鋼
- Daily Output : 1,500 sets / tool
日產：1,500 套/模具



Constant Temperature Humidity Chamber 恆溫測試



Conductive Resistance Test 阻抗測試



Tensile Strength Test 拉力測試

Non-Inclusion of Hazardous Substances in Products

RoHS Compliance

	Limit	Result	Detection Limit
Cadmium (Cd) :	100 ppm	4 ppm	2 ppm
Lead (Pb) :	1000 ppm	38 ppm	2 ppm
Mercury (Hg) :	1000 ppm	ND	2 ppm
Hexavalent Chromium (Cr ⁶⁺) :	1000 ppm	ND	2 ppm
Polybrominated Biphenyls (PBBs) :	1000 ppm	ND	50 ppm
Polybrominated Diphenylethers (PBDEs) :	1000 ppm	ND	45 ppm

Conform to EU Standard

Nonylphenol (NP) :		Standard	Result
NP		<100 mg/kg	N.D.

Phthalates (PH) * :			
Parameter	For toys and children articles	Additional requirement for toys and children articles, which can be placed in mouth by children	Result (%)
Diisononylphthalate (DINP)			<0.1
Di-n-octylphthalate (DNOP)			<0.1
Diethylhexylphthalate (DEHP)			<0.1
Diisodecylphthalate (DIDP)			<0.1
Benzylbutylphthalate (BBP)			<0.1
Dibutylphthalate (DBP)			<0.1
Total phthalate	Sum of DEHP / BBP / DBP < 0.1	Sum of DINP / DNOP / DIDP < 0.1	<0.1

* 2005/84/EC is only applicable for toys and childcare articles but not apply for non-toy articles

Polynuclear Aromatic Hydrocarbons (PAHs)

Parameter	Standard	Result (%)
Acenaphthene	<1	<1
Acenaphthylene	<1	<1
Anthracene	<1	<1
Benzo[a]anthracene	<1	<1
Benzo[a]pyrene (BaP)	<1	<1
Benzo[b]fluoranthene	<1	<1
Benzo[k]fluoranthene	<1	<1
Benzo[g,h,i]perylene	<1	<1
Chrysene	<1	<1
Dibenzo[a,h]anthracene	<1	<1
Fluoranthene	<1	<1
Fluorene	<1	<1
Indeno[1,2,3-cd]pyrene	<1	<1
Naphthalene	<1	<1
Phenanthrene	<1	<1
Pyrene	<1	<1
Sum PAHs (EPA)	<10 mg/kg	<10 mg/kg

Organotin Compound Content

	Standard	Result (mg/kg)
Tributyltin (TBT)	<1	<0.025
Monobutyltin (MBT)	<1	<0.025
Di-n-butyltin (DBT)	<1	<0.025

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